

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

TENTATIVE ADDENDUM NO. 3 TO ORDER NO. 97-52

**AN ADDENDUM ADDING THE GOREN WASTEWATER TREATMENT PLANT TO THE
WASTE DISCHARGE AND RECYCLING REQUIREMENTS FOR THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
ORANGE COUNTY**

The California Regional Water Quality Control Board, San Diego Region (hereafter Regional Board) finds that:

1. Order No. 97-52, *Waste Discharge and Water Recycling Requirements for the Production and Purveyance of Recycled Water by Member Agencies of the South Orange County Wastewater Authority* prescribes requirements for the South Orange County Wastewater Authority (SOCWA) and its member agencies listed in Table I of the Order.
2. Trabuco Canyon Water District (TCWD) is a SOCWA member agency and will operate the Goren Wastewater Treatment Plant (GWTP) that will be built on Parcel 856-042-24 near Summit Trail Road and Live Oak Canyon Road, Trabuco Canyon in the Upper Trabuco Hydrologic Subarea (HAS 901.22).
3. The requirements of Order No. 97-52 are consistent with the Water Quality Control Plan for the San Diego Basin (9) (hereafter Basin Plan).
4. The GWTP will treat and discharge up to 7,000 gallons per day or approximately 7 acre-feet of domestic wastewater per year on open space within the Oaks at Trabuco, which is a proposed nine-lot residential development located within the Upper Trabuco Hydrologic Subarea. The proposed discharge is consistent with the provisions of Order No. 97-52 and the Basin Plan.
5. The proposed GWTP will consist of flow equalization, sequencing batch reactor, coagulation, filtration, and disinfection with sodium hypochlorite. The GWTP will be designed, constructed and operated in a manner that complies with all applicable Title 22 water recycling regulations.
6. The GWTP will include an on-site 20,000 gallon storage tank, and if necessary during wet weather periods, TCWD will haul recycled water from the storage tank to the District's sanitary sewer system or water reclamation plant.
7. The proposed discharge will not cause the SOCWA member agencies to exceed the annual limit specified in Order No. 97-52 for volume of recycled water that may be discharge within the Upper Trabuco Hydrologic Subarea.

8. The Regional Board has notified all known interested parties of its intent to amend waste discharge and recycling requirements.
9. On January 17, 1996 the Orange County Subdivision Committee found that a Final EIR, certified by the County of Orange on December 10, 1991, and Addendum No. IS 91106 are adequate to satisfy the requirements of CEQA for this project.
10. The Regional Board has considered all water resource related environmental factors associated with the proposed discharge of waste.
11. The Regional Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that:

1. Table 5 of Order No. 97-52 is amended to include the Goren Wastewater Treatment Plant as a facility under TCWD with a proposed discharge of 0.007 million gallons per day.
2. The following requirement is added to Order No. 97-52 as Facility Design and Operation Specification C.9:

C.9 CERTIFICATION REPORT

The Goren Wastewater Treatment Plant and disposal facilities shall be completely constructed and operable prior to the initiation of the discharge and the complete facilities shall have adequate capacity for the full design flow of 0.007 million gallons per day (MGD) average daily flow and 0.0175 MGD peak instantaneous flow. A report from the design engineer certifying the adequacy of each component of the treatment, storage, and disposal facilities shall be submitted by the discharger prior to commencement of the discharge. The certification report shall contain a requirement-by-requirement analysis based on acceptable engineering practices, of how the process and physical designs of the facilities will ensure compliance with the master reclamation permit. The certification report shall also include an inspection schedule for the GWTP to ensure runoff does not occur. The design engineer shall affix their signature and engineering license number to the certification report and should submit it prior to construction of the facilities. Recycled water shall not be purveyed to a user until all of the following have occurred:

- a. The certification report is received and accepted as complete by the Regional Board,
- b. The Regional Board has been notified that the Title 22 report and the rules and regulations for recycled water reuse are approved by the State DHS and County DEH,

- c. The Regional Board has been notified of the completion of facilities by Trabuco Canyon Water District,
 - d. An inspection of the facilities has been made by the Regional Board, and
 - e. The Regional Board notifies the Recycled Water Agency by letter that the discharge can be initiated.
3. The following requirement is added to Order No. 97-52 as Facility Design and Operation Specification C.10:

C.10 ENGINEERING REPORT

Prior to discharge, the Goren Wastewater Treatment Plant shall meet the design, operational, and reliability requirements of Articles 7, 8, 9 and 10 of the California Code of Regulations, Title 22, Division 4, Chapter 3. Trabuco Canyon Water District shall prepare an engineering report conforming to the California Code of Regulations, Title 22, Engineering Report Guidelines, Sections 3 and 4. The engineering report shall be submitted to the State DHS, County DEH, and the Regional Board.

4. The following requirement is added to Monitoring and Reporting Program No. 97-52 as Provision J:

Provision J. Goren Wastewater Treatment Plant – Disposal Log

The Trabuco Canyon Water District shall submit an annual report listing the dates, volumes and disposal locations for biosolids, recycled water, and wastewater discharged or transported from the Goren Wastewater Treatment Plant.

I, John H. Robertus, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Addendum adopted by the California Regional Water Quality Control Board, San Diego Region, on September 8, 2004

TENTATIVE

JOHN H. ROBERTUS
Executive Officer